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(71) Applicant (for all designated States except US): HONEYWELL INC. [US/US]; PO Box 2245, 101 Columbia Road, Morristown, NJ 07962-2245 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): RAYMOND, Michelle, A [US/US]; 4131 Upton Avenue North, Minneapolis, MN 55412 (US). CARPENTER, Todd, P [US/US]; 885 S. Lexington Parkway S, St. Paul, MN 55116 (US). MILLER, Christopher, A [US/US]; 1272 Raymond Avenue, St. Paul, MN 55108 (US). REISING, Dal Vernon, C [US/US]; 3393 Northdale Blvd., Apt. 234, Coon Rapids, MN 55448 (US). KIFF, Liana-Maria [US/US]; 3771 Meadow Lane, Excelsior, MN 55331 (US).

(74) Agent: JOIKE, Trevor; Schiff Hardin & Waite, 233 S. Wacker Drive, 6600 Sears Tower, Chicago, IL 60606 (US).

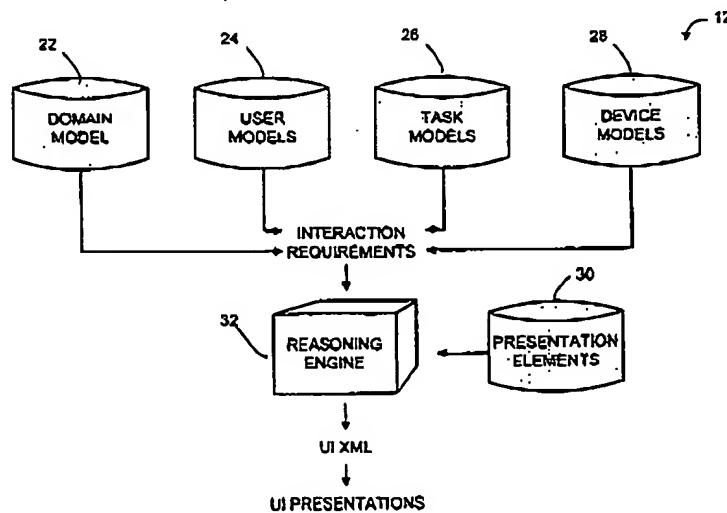
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(54) Title: INTERACTION DESIGN SYSTEM



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(57) Abstract: An interaction design system (12) may be used by a designer to design a user interface. The designer supplies the interaction design system with a domain model (22) that contains information characterizing an application in a domain, a user model (24) that contains information characterizing the users of the user interface, a task model (26) that contains task primitives to be performed between the user and the user interface and the type of information required by the task primitives, and a device model (28) that contains information characterizing the interaction delivery devices that are available to deliver the user interface. The interaction design system (10) then matches the interaction delivery devices in the device model (28) to the type of information required by the task primitives and to the information characterizing the users, matches presentation objects (30) to the task primitives

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/06853

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 9/44
 US CL : 717/104,111

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 717/100-105,110,111,120,121; 706/45-48; 345/762,763.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EAST BRS, CiteSeer Online Database

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y ✓	Székely P. et al. "Declarative interface models for user interface construction tools: The MASTERMIND approach". In Engineering for Human-Computer Interaction, pages 120-150. Chapman Hall, London, 1996. Note abstract, section 2 and Figure 1.	1-41
Y ✓	US 5,704,017 A (Heckerman et al.) 30 December 1997 (30.12.1997), column 20, lines 47-64.	1-41
A ✓	Machiraju V. "A Survey on Research in Graphical User Interfaces", Department of Computer Science University of Utah Salt Lake City, Utah; August 21, 1996, pp. 1-25. Note section 4, pages 8-12.	1-41

Further documents are listed in the continuation of Box C.

See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Kakali Ghatak

Telephone No. (703)305-3900